Bruhat Bengaluru
Mahanagara Palike

RATE ANALYSIS- STATEMENT

BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Rate Analysis

NAME OF WORK:- Modified Estimate for Construction of Samudaya Bhavan at Puttenahalli Colony in Chowdeshwari Ward No 02.

Estimated Cost RS :-30.00 Lakh,s

Agency:-Sri H S Palaksha Murthy

Approved Tender Amount RS.- 28,04,779.00 (Excluding GST 12%)

Tender Premium :- 4.85% Above

Modified Sl.No.s	EIRL Sl. No.	Description of work	Unit	Basic Rate	Area Weightage@ 8%	Total Rs	Tender Premium (+4.85%)	Grand Total RS
1	2	3	4	5	9	10	11	12
28	E-1	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks of size 400X150X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.. complete as per specifications. KBS No.5.4. Pg No. 27 Item No. 5.27.2	Sqm	953.00	76.24	1029.24	49.92	1079.16
30	E-2	KSRB15-3.9 : Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116 Item No 15.16	Sqm	245.00	19.60	264.60	12.83	277.43
43	E-3	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs include laying POP on finished surface,including cost of materials, labour charges, etc.. complete as per specifications (P No 109 of I No 14.47 in PW.P&IWTD SR 2018-19).	Sqm	2739.00	219.12	2958.12	143.47	3101.59
55	E-4	Providing and fixing to wall, ceiling and floor, low densitypolyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outsidediameter with special flange, compression type fittings, wall clips, makinggood the wall, ceiling and floor, including cost of all materials, labourcharges, HOM of equipments and testing complete as per specifications.(P No 95 of I No 13.70.5 in PW.P&IWTD SR 2018-19).	Mtr	450.00	36.00	486.00	23.57	509.57
56	E-5	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold watersupply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing ofpipes and fittings with one step CPVC solvent cement & the cost ofcutting chases & making good the same including testing of jointscomplete. (Concealed work including cutting chases and good the wallsetc). 20mm nominal OD pipes (P No 99 of I No.13.86.2 in PW.P&IWTD SR 2018-19).	Mtr	235.00	18.80	253.80	12.31	266.11
57	E-6	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold watersupply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing ofpipes and fittings with one step CPVC solvent cement & the cost ofcutting chases & making good the same including testing of jointscomplete. (Concealed work including cutting chases and good the wallsetc). 25mm nominal OD pipes (P No 99 of I No.13.86.3 in PW.P&IWTD SR 2018-19).	Mtr	293.00	23.44	316.44	15.35	331.79
58	E-7	Providing and fixing Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) size 12.5cms x7.5cms (P No 90 of I No.12.113.2 in PW.P&IWTD SR 2018-19)	Each	285.00	22.80	307.80	14.93	322.73
59	E-8	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia (P No 90 of I No.12.111 in PW.P&IWTD SR 2018-19)	Each	150.00	12.00	162.00	7.86	169.86
60	E-9	Providing and fixing in position brass gate valve with C I wheel of approved quality (screwed end) 25mm nominal boreincluding cost of all materials, labour and HOM of equipments with allleads complete as per specifications (P No 94 of I No.13.34 in PW.P&IWTD SR 2018-19).	Each	449.00	35.92	484.92	23.52	508.44
61	E-10	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 600 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (P No 83 of I No.12.30 in PW.P&IWTD SR 2018-19)	Unit	4605.00	368.40	4973.40	241.21	5214.61

62	E-11	KSRB 11-7.3 Providing and fixing white vitreous china ely ,flat back lipped front urinal wash basin of 430x260x350mm in the range of three 7.5 litres PVC automatic flushing cistern ,C I /M.S brackets standards flush pipe and C.P brass spreaders ,with brass unions and G I clamps painting of fittings and brackets ,cutting and making good the wall and floor wherever required ,including cost of materials ,labour complete as per specifications(S R page no 80 item no 12 90)	No,s	5814.00	465.12	6279.12	304.54	6583.66
63	E-12	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (P.No 93 of LNo.13.25 in PW,P&IWTD SR 2018-19)	Each	236.00	18.88	254.88	12.36	267.24
64	E-13	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I.M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (P.No 79 of LNo.12.2 in PW,P&IWTD SR 2018-19)	Pan	4224.00	337.92	4561.92	221.25	4783.17
65	E-14	Providing and placing on terrace, polyethylene waterstorage tanks with manhole lid and suitable locking arrangements,making holes of suitable diameter for inlet, outlet and over flow pipes,including cost of all materials, labour, transport charges, HOM ofequipments and testing complete as per specifications.(For 1000 litre capacity) (P.No 96 of LNo.13.78 in PW,P&IWTD SR 2018-19).	Nos	6828.00	546.24	7374.24	357.65	7731.89
82	E-15	Supplying and fixing hylum brand hard plastic sheet 3mm thick with necessary niches for fixing switches, regulators etc ; and fixing on existing wood or metal box using N.F.screws. (Pg. No. 17 lt. No. 3.10).	Sqcm	0.22			1.07	1.29
83	E-16	Fixing a ceiling /wall mounting fan of all capacities and as types to the existing S hook together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (Pg. No. 109 lt. No. 17.5).	Each	139.00			674.15	813.15
84	E-17	Supplying and fixing of Procelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washers etc., complete a)63 Amps. (Pg. No. 45 lt. No. 6.7.3).	Each	234.00			1134.90	1368.90
85	E-18	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC extruded inner sheathed galvanized, steel strip (except 2CX10Sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-I 1988 & confirming to GTP of GROUP-A. a) 4 core 16 sqmm. (Pg No. 55 lt. No. 7.4.4).	Mtr	140.40			680.94	821.34
86	E-19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe on wall / on pole as required. In existing trench / duct. a) 6 sqm to 16 sqmm. (Pg No. 61 lt. No. 7.8.1).	Mtr	10.80			52.38	63.18
87	E-20	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (Pg No. 61 lt. No. 7.9.1. 7.9.5) b) C.C cutting	Mtr	212.00			1028.20	1240.20
88	E-21	Supplying and fixing miniature circuit breakes on existing C8 distribution boards using necessary fixing materials and wiring complete as -1-d-red .2. Group 'A' (Pg No. 47 lt. No. 6.16.2. 6.16.4). d) 40-63Amps DP. Group A	Each	1093.00			5301.05	6394.05
89	E-22	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary cclamping arrangements for UG cable of 1.1 KV class. (Pg. No. 62 lt. No. 7.12.1). a) 40mm	Mtr	345.00			1673.25	2018.25
90	E-23	Fabricating supplying and mounting MS box made out SWG sealable ea floor / wall mounting, fully weather proof with provision for better heat dissipation provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with 'necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal pan etc., complete. (Pg. No. 49 lt. No. 6.40.2) b)16 SWG	Each	0.33			1.60	1.93
91	E-24	Supplying and fixing regular MCB distribution boards on wall/woodboard / flush mounting using reputed calimps, bead, nuts etc. with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting etc., complete. II Double Door. Group A (Pg. No. 47 lt. No. 6.17.III.10). a) 12Way TP &N	Each	5138.00			24919.30	30057.30

92	E-25	Supplying exhaust fan of 1440 RPM of 300mm (12") size was bracket blades complete for light duty suitable to operate on 230V 50Hz. AC. (Pg. No. 78 It. No. 9.1).	Each	1700.00			8245.00	9945.00
93	E-26	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23/ 0.0076 inch PVC insulated twin core wire. (Pg. No. 109 It. No. 17.12).	Each	412.00			1998.20	2410.20
94	E-27	Supplying and ruing cast Aluminium round or oblong type but head fitting with Gl wire guard, glass cover with 15Watts 230V CFL lamp. (Pg. No. 20 It. No. 4.4).	Each	952.00			4617.20	5569.20
95	E-28	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4.6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring 5 years Warranty against any manufacturing defect working under standard electrical condition. (Pg. No. 25 It. No. 4.31).	Each	1868.00			9059.80	10927.80
96	E-29	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other r requirments on the meter board using 40mm da I 90 thick GL pipe 25 rob long buried in a pit.....The pa should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc. is to be established through Gl wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checkouts etc. the pipe shall have 16 through holes of 122mm dia. (Pg. No. 55 It. No. 7.1).	Each	2727.00			13225.95	15952.95
97	E-30	Supplying box type suitable for 28W T5 single / twin Lamp 8 suspension mounted luminaire 8 optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders holders 8 main connectors. Channel Cover shag be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic 1x4' – 28 watts. (Pg. No. 20 It. No. 4.7.1)	Each	990.00			4801.50	5791.50
98	E-31	Fixing all types and as capacities fluorescent/ false ceiling/ spot light/ CFL fitting indoor on the wan/ ceiling/ rafters/ girders using 23/ 0.0076 twin twisted PVC insulated wires, required nos of round blocks and camps. A) On wall/ ceiling/ rafter/ girders. (Pg. No. 108 It. No. 17.7.1)	Each	98.00			475.30	573.30

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

Executive Engineer
Yelahanka Division